NETGEAR®

Dual Band 802.11ac Wireless Access Point

Data Sheet

WAC120

WAC120

Features

The NETGEAR® Dual Band 802.11ac Wireless Access Point (AP) delivers high performance for Small Office and Home Office (SOHO) deployments and supports dual band concurrent operation at 2.4GHz and 5GHz with combined throughput of 1.2 Gbps (300 Mbps at 2.4GHz and 867 Mbps GHz at 5GHz). The WAC120 Wireless 802.11ac Access Point provides standalone configuration with easy setup for a reliable, high-performance, and affordable wireless solution.

High performance and superior coverage

- Up to 4x the speed of 802.11n networks
- Maximize coverage for optimal deployment for SOHO

Comprehensive security

- Supports wireless security features (WPA, WPA2)
- MAC based Access Control List to protect against intruders

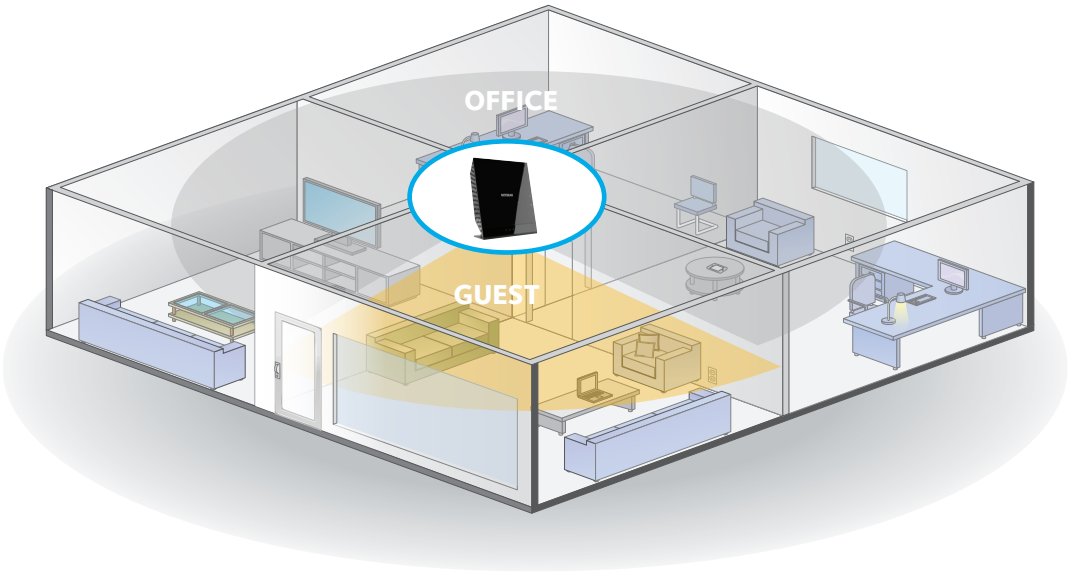
Interoperate with both new and legacy clients

- Support latest 802.11ac wireless clients to achieve maximum speed
- Backward compatible to allow legacy devices to connect at their fastest speed

Easy to Configure

- Simple setup in minutes with intuitive Graphical User Interface (GUI)

Standalone AP Deployment



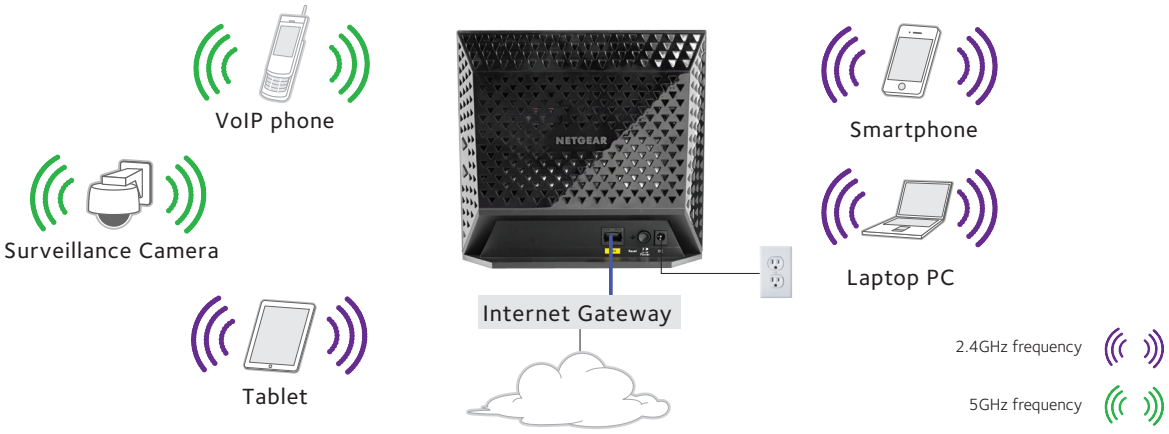
3 YEAR WARRANTY

NETGEAR®

Dual Band 802.11ac Wireless Access Point

Data Sheet

WAC120



Technical Specifications

Physical Characteristics

Power

- Country-specific plug: 12V / 1A (12W)
- 1 Amp power adapter
- Power consumption: 8.1W (maximum)

Physical Dimensions

- Dimensions (L x W x H): 7.08 x 6.69 x 2.36 in (180 x 170 x 60 mm)

Weight

- Weight: 0.71 lb (322 g)

Mounting

- Desktop

Interfaces and Indicators

Physical Interfaces

- One (1) 10/100/1000BASE-T Ethernet (RJ-45) port with Auto Uplink™ (Auto MDI-X)

LEDs

- Power/Test, ACT, LAN, Wireless

Default Reset

Environmental Conditions

Operating Temperature

- 32° to 104° F (0° to 40° C)

Storage Temperature

- -4° to 158° F (-20° to 70° C)

Operating Relative Humidity

- 10-90%

Storage Humidity

- 5-95%

MTBF

- @ 25° C > 375,000 hours
- @ 50° C > 125,000 hours

RF Characteristics

Standards

- IEEE 802.11ac specification
- IEEE 802.11n 2.0 specification
- IEEE 802.11g
- IEEE 802.11b
- IEEE 802.11a

Frequency Band

- 2.4GHz and 5GHz concurrent operation

Maximum Theoretical Throughput

- 300 Mbps (2.4GHz)
- 867 Mbps (5GHz)

Network Management

Deployment options

- Standalone
- Web UI

Access Point

- Antenna: 2dBi (internal)

Advanced Wireless

- WDS Point-to-point wireless bridge mode
- WDS Point-to-multipoint wireless bridge mode
- Wireless client mode

Security

- Wired Equivalent Privacy (WEP) Encryption
- WiFi Protected Access Pre-shared Key (WPA-PSK, WPA2-PSK)
- MAC Address filtering
- 1 BSSID

MAC ACL

Wireless Client Mode

VPN Pass-through

802.11e WMM

- (Wireless multimedia mode) for QoS

Simultaneous Bridge/Client Association

Technical Specifications

Package Contents

- 802.11ac Wireless AP (WAC120)
- Ethernet cable
- Installation guide
- Power adapter, localized to country of sale
- Warranty/support information card

Warranty and Support

Warranty

- NETGEAR 3-year Warranty

Safety Certification

- CE (EN60950-1)

Optional Support

- PMB0351: 5 years OnCall 24x7
- PMB0331: 3 years OnCall 24x7
- PMB0311: 1 year OnCall 24x7
- PRR0351: 5 years XPressHW
- PRR0331: 3 years XPressHW

Product Ordering Information

- WAC120-100AUS
- WAC120-100NAS
- WAC120-100PES
- WAC120-100PRS
- WAC120-100UKS

NETGEAR, the NETGEAR Logo, and ProSAFE are trademarks of NETGEAR, Inc. in the United States and/or other countries. Other brand names mentioned herein are for identification purposes only and may be trademarks of their respective holder(s). Information is subject to change without notice. All rights reserved. © 2014 NETGEAR, Inc.